



Cambria Environmental Technology, Inc.
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BORING/WELL LOG

CLIENT NAME	Chevron Environmental Management Company	BORING/WELL NAME	MW-3D
JOB/SITE NAME	Chevron #9-5121	DRILLING STARTED	11-May-05
LOCATION	875 Main Street, Fortuna, CA	DRILLING COMPLETED	18-May-05
PROJECT NUMBER	31H-1913	WELL DEVELOPMENT DATE (YIELD)	NA
DRILLER	Woodward Drilling Co.	GROUND SURFACE ELEVATION	Not Surveyed
DRILLING METHOD	Hollow-stem auger	TOP OF CASING ELEVATION	Not Surveyed
BORING DIAMETER	8"	SCREENED INTERVAL	35 to 45 fbg
LOGGED BY	M. Terry	DEPTH TO WATER (First Encountered)	8.0 fbg (11-May-05)
REVIEWED BY	B. Foss, PG # 7445	DEPTH TO WATER (Static)	NA
REMARKS	Cleared with airknife to 8 fbg.		

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
							Asphalt surface. Cleared to 8 fbg with air knife; subsurface material consisted of soft, dry, gravelly clay with moderate plasticity and moderate permeability; groundwater first encountered at 8 fbg.	0.3	
				5	CL				
				10				8.0	
0	3 6 12	MW-3D @10.5		10	ML		Clayey SILT : Dark brown; dry; 70% silt, 30% clay; moderate plasticity; low estimated permeability; rootlets at 10 fbg.	10.0 11.5	
				15				15.0	
0	12 17 20	MW-3D @15.5		15	ML		Clayey SILT : Light tan with orange mottling; dry; 70% silt, 30% clay; moderate plasticity; low estimated permeability.	16.5	
				20				20.0	
0	12 14 16	MW-3D @20.5		20	ML		Sandy SILT : Gray w/orange mottling; dry; soft; 65% silt, 25% fine sand, 10% clay; low plasticity; moderate estimated permeability.	21.5	
				25				25.0	
0	15 18 27	MW-3D @25.5		25	ML		Clayey SILT : Gray w/orange mottling; dry; soft; 60% silt, 40% clay; moderate plasticity; low estimated permeability.	26.5	
				30				30.0	
0	10 12 14	MW-3D @30.5		30	ML		Sandy SILT : Gray orange; dry; 60% silt, 40% sand; low plasticity; high estimated permeability.	31.5	
				35				35.0	
									Portland Type I/II
									Bentonite Seal
									Lonestar Sand

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WELL LOG (PID) 119-5121-1GINT\MW-1D - MW-6D.GPJ DEFAULT GDT 8/4/05



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0	14 14 18	MW-3D @35.5			ML		<u>Sandy SILT</u> : Gray orange; dry; 60% silt, 40% sand; low plasticity; high estimated permeability.	36.5	 #2/12 2"-diam., 0.010" Slotted Schedule 40 PVC Bottom of Boring @ 45 fbg
0	20 50/5"	MW-3D @40.5		40	ML		<u>Sandy SILT</u> : Gray orange; dry; 60% silt, 40% sand; low plasticity; high estimated permeability.	40.0 41.5	
0	27 50/5"	MW-3D @45.5		45	SW		<u>Gravelly SAND</u> : Dark brown; wet; 85% coarse to fine sand, 15% gravel; no plasticity; high estimated permeability.	45.0 46.5	